

DEC 3 2007

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**SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800**

Rev. 3/19/2007 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 11/21/07 Serial # 10/809,417 Priority Application Filing Date 3/28/04Your Name M. Lewis Examiner # 73172AU 2822 Phone 292-1838 Room 5A39In what format would you like your results? Paper is the default. PAPER DISK EMAIL  
If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPAT USPGPUB DWPI EPO Abs JPO Abs IBM TDB

Other: \_\_\_\_\_

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐  
Secondary Refs ☐ Foreign Patents ☐ Other ☐

If this is a "Fast &amp; Focused Search" request, put a checkmark here:

And then please speak in-person immediately with the  
EIC2800 Technical Information Specialist or with an EIC2800 Searcher.A "Fast & Focused Search" is completed in 2 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at  
<http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm>

In your own words, what is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 24-36  
Package - Hermatic SealProblem: See pages 1+2  
Solution: 11 11 2+3Applicants Prior Art (Fig 2)  
2003/0062830**Staff Use Only**Searcher: M. MimsSearcher Phone: 25928Searcher Location: STIC-EIC2800, JEF-4B68Date Searcher Picked Up: 12-6-07Date Completed: 12-7-07

Searcher Prep/Rev Time: \_\_\_\_\_

Online Time: 120**Type of Search**

Structure (#) \_\_\_\_\_

Bibliographic ☒

Litigation \_\_\_\_\_

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

**Vendors**STN ☒

Dialog \_\_\_\_\_

Questel/Orbit \_\_\_\_\_

Lexis-Nexis \_\_\_\_\_

WWW/Internet \_\_\_\_\_

Other \_\_\_\_\_

20050212117

Focus on "a cautionary aged ...  
by the bonding agent." (See  
claim 24). Also focus on  
claims 29 + 30. Look  
at Applicant's Fig 3A-3C.

12/07/2007 10/807417 Lewis

=> d his nofil

(FILE 'HOME' ENTERED AT 09:49:56 ON 07 DEC 2007)

FILE 'CAPLUS' ENTERED AT 09:50:11 ON 07 DEC 2007

L1 0 SEA ABB=ON PLU=ON US20050212117/PN

FILE 'WPIX' ENTERED AT 09:50:39 ON 07 DEC 2007

L2 1 SEA ABB=ON PLU=ON US20050212117/PN

L3 3122517 SEA ABB=ON PLU=ON IC/BI,BIEX OR INTEGRAT?/BI,BIEX(W)CIRCUIT?/  
BI,BIEX OR CHIP/BI,BIEX OR MICROCHIP?/BI,BIEX OR TRANSIST?/BI,B  
IEX OR MEM/BI,BIEX OR WAFER?/BI,BIEX OR DIE/BI,BIEX OR  
SEMICONDUCT?/BI,BIEX(2A)(PKG/BI,BIEX OR PACKAG?/BI,BIEX) OR  
CIRCUIT?/BI,BIEX(3A)(ELEMENT?/BI,BIEX OR DEVIC?/BI,BIEX)

L4 384309 SEA ABB=ON PLU=ON CAULK?/BI,BIEX OR HERMET?/BI,BIEX(3A)(SEAL?  
/BI,BIEX OR CLOS?/BI,BIEX) OR (SEAL?/BI,BIEX OR BOND?/BI,BIEX  
OR ADHESIV?/BI,BIEX OR ADHER?/BI,BIEX)(3A)(AGENT?/BI,BIEX OR  
SUBSTAN?/BI,BIEX OR RESIN?/BI,BIEX OR MATERIAL?/BI,BIEX OR  
FILM?/BI,BIEX)

L5 153969 SEA ABB=ON PLU=ON ?IMIDE?/BI,BIEX OR ?FLUOROPOLYM?/BI,BIEX  
OR TEFLON?/BI,BIEX OR PTFE/BI,BIEX OR POLY/BI,BIEX(W)TETRAFLUOR  
O?/BI,BIEX OR POLYTETRAFLUORO?/BI,BIEX OR ?BENZOCYCLOBUT?/BI,BI  
EX OR BCB/BI,BIEX OR BENZO?/BI,BIEX(2A)CYCLOBUT?/BI,BIEX

L6 1709486 SEA ABB=ON PLU=ON GOLD/BI,BIEX OR AU/BI,BIEX  
SEL IPC MC L2

L7 152995 SEA ABB=ON PLU=ON (H01L0023-12/IPC OR A11-B05/MC OR A12-E04/M  
C OR A12-E07C/MC OR E10-J02B4/MC OR H01L0023-02/IPC OR  
H01L0023-10/IPC OR L04-F05/MC OR U11-C01J8A/MC OR U11-E02A2/MC)

L8 2509 SEA ABB=ON PLU=ON L3 AND L4 AND L5 AND L6

L9 442 SEA ABB=ON PLU=ON L7 AND L8

L10 1282609 SEA ABB=ON PLU=ON CAP/BI,BIEX OR CAPPED/BI,BIEX OR CAPPING/BI  
,BIEX OR TOP/BI,BIEX OR TOPPED/BI,BIEX OR TOPPING/BI,BIEX OR  
LID/BI,BIEX OR CERDIP?/BI,BIEX OR CERPAC?/BI,BIEX OR CERFLAT?/B  
I,BIEX OR CERQUAD?/BI,BIEX OR DOME?/BI,BIEX

L11 84 SEA ABB=ON PLU=ON L9 AND L10

L12 1 SEA ABB=ON PLU=ON L11 AND CAULK?/BI,BIEX

L13 0 SEA ABB=ON PLU=ON L12 NOT L2

L14 32 SEA ABB=ON PLU=ON L9 AND HERMET?/BI,BIEX(3A)(SEAL?/BI,BIEX  
OR BOND?/BI,BIEX OR CLOS?/BI,BIEX)

L15 31 SEA ABB=ON PLU=ON L14 NOT L2  
D IFULLG 1-31

L16 8905 SEA ABB=ON PLU=ON (OUTER?/BI,BIEX OR OUTSIDE?/BI,BIEX)(4A)L4

L17 2 SEA ABB=ON PLU=ON L9 AND L16

L18 1 SEA ABB=ON PLU=ON L17 NOT L14  
D IFULLG

L19 51 SEA ABB=ON PLU=ON L3 AND L5 AND L6 AND L16

L20 2 SEA ABB=ON PLU=ON L19 AND L7

L21 0 SEA ABB=ON PLU=ON L20 NOT (L14 OR L18)

L22 9 SEA ABB=ON PLU=ON L19 AND L10

L23 7 SEA ABB=ON PLU=ON L22 NOT (L14 OR L18)  
D IFULLG 1-7

FILE 'JAPIO, KOREAPAT' ENTERED AT 11:11:00 ON 07 DEC 2007

L24 19 SEA ABB=ON PLU=ON L3 AND L4 AND L5 AND L6 AND L7

L25 19 DUP REM L24 (0 DUPLICATES REMOVED)

Mary S. Mims EIC 2800 2-5928

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D IALLG 1-19

FILE 'INSPEC, COMPENDEX' ENTERED AT 11:14:52 ON 07 DEC 2007

L26 0 SEA ABB=ON PLU=ON L3 AND L16 AND L5 AND L6 AND L10  
L27 51 SEA ABB=ON PLU=ON L3 AND L4 AND L5 AND L6  
L28 3 SEA ABB=ON PLU=ON L27 AND (OUTER? OR OUTSID?)  
L29 43 DUP REM L27 (8 DUPLICATES REMOVED)  
L30 3 DUP REM L28 (0 DUPLICATES REMOVED)  
D ALL 1-3  
L31 4 SEA ABB=ON PLU=ON L29 AND HERMET?(3A) (SEAL? OR BOND? OR  
CLOS?)  
L32 3 SEA ABB=ON PLU=ON L31 NOT L30  
D IALL 1-3

FILE 'WPIX' ENTERED AT 12:11:26 ON 07 DEC 2007

L33 4 SEA ABB=ON PLU=ON L11 AND (SEAL?/BI,BIEX(3A)CAVIT?/BI,BIEX)  
L34 0 SEA ABB=ON PLU=ON L33 NOT (L14 OR L18 OR L23)  
L35 409 SEA ABB=ON PLU=ON L9 NOT (L14 OR L18 OR L23)  
L36 1 SEA ABB=ON PLU=ON L35 AND (SEAL?/BI,BIEX(3A)CAVIT?/BI,BIEX)  
D IFULLG